

**To:** Neale, Anne[Neale.Anne@epa.gov]  
**From:** Jarnagin, Taylor  
**Sent:** Fri 8/14/2015 5:41:57 PM  
**Subject:** remote sensing response to Gold King Mine spill into the Animas River  
[smime.p7s](#)

Hi Annie,

I think this is an excellent candidate for the use of remote sensing with a multispectral or hyperspectral sensor to identify and map the sediments from the Gold King Mine spill into the Animas River.

Our local talent includes: Blake Schaeffer and Drew Pilant (both of whom could analyze imagery) and David J. Williams (who is working on putting together a sensor just for this type of occasion, unfortunately, I don't think that sensor has been fully tested and is operation right now). The Environmental Photographic Interpretation Center existed for exactly this sort of emergency response capability and to act as a liaison between the contractors who would fly and analyze the imagery and the Regions who had the boots on the ground and were directly responsible for the clean-up.

Our current contact for the capability to do this is:

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Main Research Project:

"Collaborative Research: Streamflow, Urban Riparian Zones, BMPs, and Impervious Surfaces":

< <http://www.epa.gov/nerlesd1/land-sci/clarksburg01-05.htm> >